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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/798,741	03/10/2004	Daniel Joseph Dove	200401006-1	6892
22879	7590	07/20/2005		
HEWLETT PACKARD COMPANY P O BOX 272400, 3404 E. HARMONY ROAD INTELLECTUAL PROPERTY ADMINISTRATION FORT COLLINS, CO 80527-2400			EXAMINER ZARROLI, MICHAEL C	
			ART UNIT	PAPER NUMBER
			2839	

DATE MAILED: 07/20/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

AK

**Office Action Summary**

Application No.

10/798,741

Applicant(s)

DOVE, DANIEL JOSEPH

Examiner

Michael C. Zarroli

Art Unit

2839

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 24 June 2005.  
 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,4 and 6-15 is/are pending in the application.  
 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
 6) ☒ Claim(s) 1,4 and 6-15 is/are rejected.  
 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
 10) ☒ The drawing(s) filed on 10 March 2004 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
 a) ☐ All b) ☐ Some \* c) ☐ None of:  
 1. ☐ Certified copies of the priority documents have been received.  
 2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)  
 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
 Paper No(s)/Mail Date \_\_\_\_\_.  
 4) ☐ Interview Summary (PTO-413)  
 Paper No(s)/Mail Date \_\_\_\_\_.  
 5) ☐ Notice of Informal Patent Application (PTO-152)  
 6) ☐ Other: \_\_\_\_\_.

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1, 4 and, 7 rejected under 35 U.S.C. 102(e) as being clearly anticipated by Yamamoto.

Yamamoto discloses (fig. 3) a cable connector assembly (4) for receiving a shielded cable assembly (3a & 2), comprising: a conductive connector shield (9b); and a resistive element (11 & col. 6 lines 12-15) operable to couple the connector shield to a shield (9a) of the shielded cable assembly (fig. 3).

Regarding claim 4 Yamamoto discloses that a capacitor 12 having first and second terminals fig. 4 with the capacitor terminal electrically coupled to the connector shield 9b, the second capacitor terminal is operable to be electrically coupled to the cable assembly shield 3a.

Regarding claim 7 Yamamoto discloses that the connector shield is positioned such that the connector shield does not directly contact the cable assembly shield when the cable assembly is received by the connector assembly (fig. 3).

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claim 6 rejected under 35 U.S.C. 103(a) as being unpatentable over Yamamoto as applied to claim 1 above, and further in view of Avins.

Yamamoto does not disclose a resistor used as impedance.

Avins discloses a resistive element comprising a resistor (52) having first and second terminals (fig. 3), the first resistor terminal electrically coupled to the connector shield (10), the second resistor terminal operable to be electrically coupled to the cable assembly shield (20).

At the time the invention was made it would have been obvious to one of ordinary skill in the art to modify Yamamoto to include a resistor instead of a capacitor to adjust impedance as taught by Avins. The motivation for this change would be to

reduce noise depending on the application. The first sentence of the Yamamoto abstract discloses a wide range of applications. Also, a resistor is cheaper than a capacitor.

5. Claims 8-11, 12-13 and, 14-15 rejected under 35 U.S.C. 103(a) as being unpatentable over Yamamoto in view of Avins.

Yamamoto discloses an electronic system (fig. 1), comprising; a device (1a or 1b); and a signal-transmission medium (4) coupled to the device (fig. 1), the medium comprising; a shielded cable assembly (3a); a shielded connector assembly (9b) receiving the cable assembly (fig. 3), the connector assembly shield arranged such that there is no direct contact between the connector assembly shield and a shield of the cable assembly (fig. 4), the connector assembly comprising: a capacitor (12) having first and second capacitor terminals (fig. 4), the first capacitor terminal contacting the connector assembly shield (9b), the second capacitor terminal electrically coupled to the cable assembly shield (3a).

Yamamoto does not disclose a resistor coupling the connector assembly and cable assembly shields.

Avins discloses a resistor (52) having first and second resistor terminals (fig. 3), the first resistor terminal contacting a connector assembly shield (10), the second resistor terminal electrically coupled to a cable assembly shield (20, fig. 1).

At the time the invention was made it would have been obvious to one of ordinary skill in the art to modify Yamamoto with the resistor filter setup of Avins. The motivation for this modification would be to further alter the frequency of the signal depending on the application. The first sentence of the Yamamoto abstract discloses a wide range of applications.

Regarding claims 10 and 11 Yamamoto discloses that the device is a computer/processor (1a, 1b).

Regarding claim 13 Yamamoto discloses that the coupling of the conductive connector shield to the body comprises positioning the connector shield such that the connector shield does not directly contact the cable shield (figures 1 or 4).

### ***Response to Arguments***

6. Applicant's arguments filed 6/24/05 have been fully considered but they are not persuasive.

In response to applicant's argument concerning claim 1 that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., see remarks page 5 last paragraph to page 6 first paragraph, applicant discusses a lot of structure not recited in the independent claims) are not recited in the rejected claim(s). Although the claims are interpreted

in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

In response to applicant's arguments against the references (Yamamoto in view of Avins) individually, one cannot show nonobviousness by attacking references individually **where the rejections are based on combinations of references**. See *In re Keller*, 642 F.2d 413, 208 USPQ 871 (CCPA 1981); *In re Merck & Co.*, 800 F.2d 1091, 231 USPQ 375 (Fed. Cir. 1986). Refer to MPEP 2145, "Combining the teachings of references does not involve an ability to combine their specific structures." *In re Nievelt*, 482 F.2d 965, 179 USPQ 224, 226 (CCPA 1973)

### ***Conclusion***

7. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the

advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael C. Zarroli whose telephone number is 571-272-2101. The examiner can normally be reached on 7:30 to 3:30 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, T.C. Patel can be reached on (571) 272-2800 ext 39. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Michael C. Zarroli



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Art Unit: 2839

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*MCZ*  
MCZ

Primary Examiner  
Art Unit 2839  
*Michael C. Zanol*